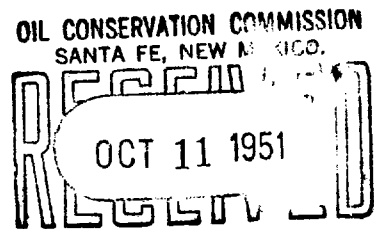


MAGNOLIA PETROLEUM COMPANY

A SOCONY-VACUUM COMPANY

P. O. Box 672
Roswell, New Mexico
October 10, 1951



Nov. hearing
20

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Re: Pool Nomenclature
Eunice Field
Montoya Pool Discovery
LEA COUNTY, New Mexico

Gentlemen:

Magnolia Petroleum Company, as operator of the Magnolia E. O. Carson No. 16, would like to submit for your consideration a new pool name, North Cary (Montoya 7145-55).

The new pool is producing from a discovery well Magnolia E. O. Carson No. 16 located 660' from the North line and 860' from the West line of Section 33-21S-37E as an old Ellenburger well work-over plugged and re-completed in the Montoya.

In accordance with our geological information the oil is contained in a single reservoir of porous dolomite encountered at 7145'.

The geologic interpretation of present information does not connect this pool with any known producing pool adjacent thereto, but the general occurrence of stratigraphic trap form by the truncation of Pre-Permian beds similar to that found in the present named Cary Pool in Section 22-22S-37E suggests that there may be a similar development along a narrow zone of truncation between the two pools which might eventually connect them.

As this is an old well all formation tops were reported for the original Ellenburger completion. The top of the Montoya formation in the new completion is picked at 7143'.

The attached plat shows the location of the proposed North Cary pool in respect to the Cary Pool. The Lane-Wells Radioactivity log shows the location of the formation top and zone of porosity.

Very truly yours,

R. E. Murphy
R. E. Murphy
District Geologist

REM:to
Enclosures

County _____ Pool _____

TOWNSHIP 21 South, RANGE 37 East, NEW MEXICO PRINCIPAL MERIDIAN

6	5	4	3	2	1
7	8	9	10	11	12
13	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
STANOLIND TURNER # 3 → •					
GULF McCORMACK # 11 → •		• ← MAGNOLIA CARSON # 16			
31	32	33	34	35	36